

KENKUL
Wireless Sensor Networks
LoRa Sensor Device
Wireless Distance Test

2017 / 5

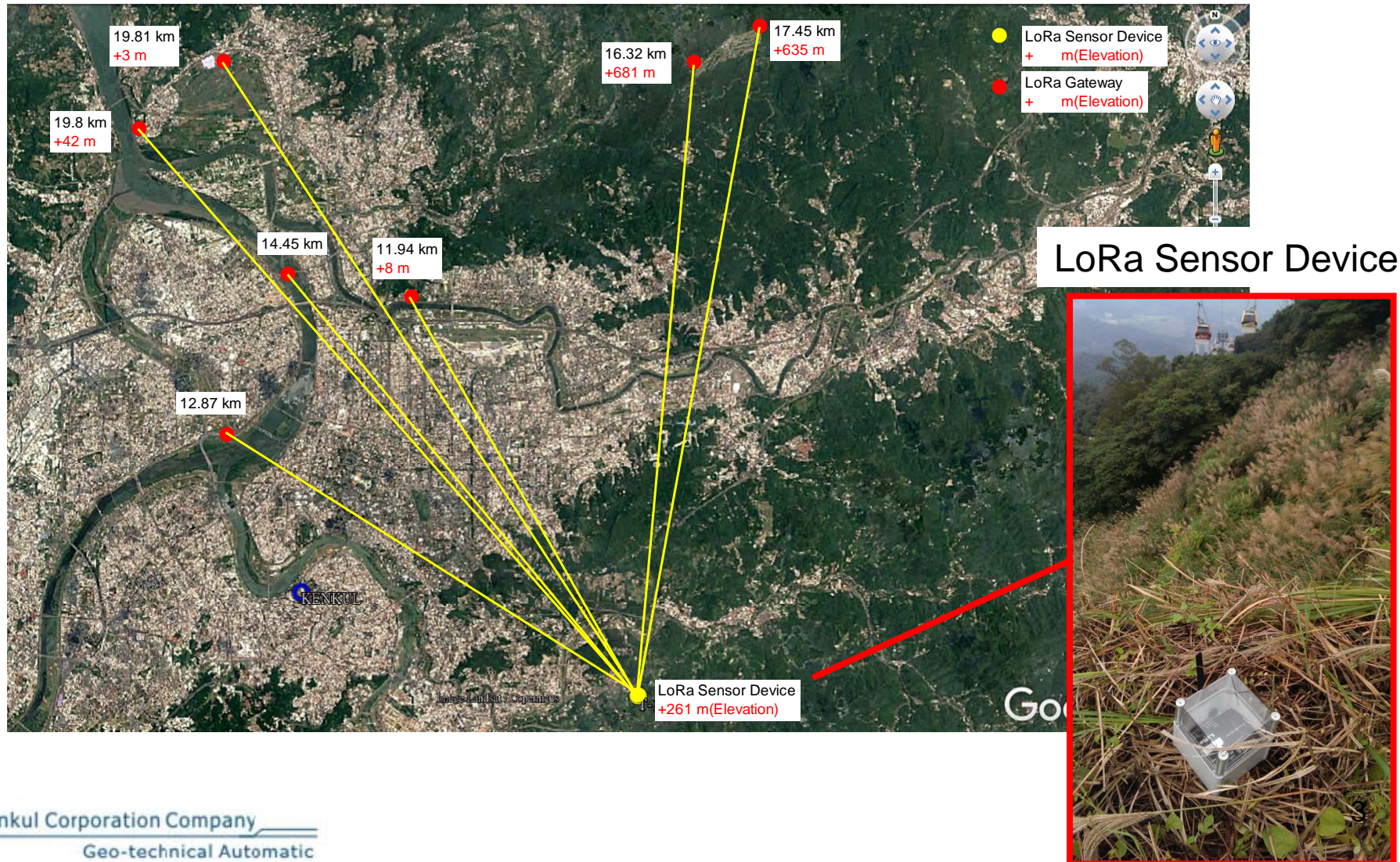
KENKUL CO.

Geo-Technical Automate

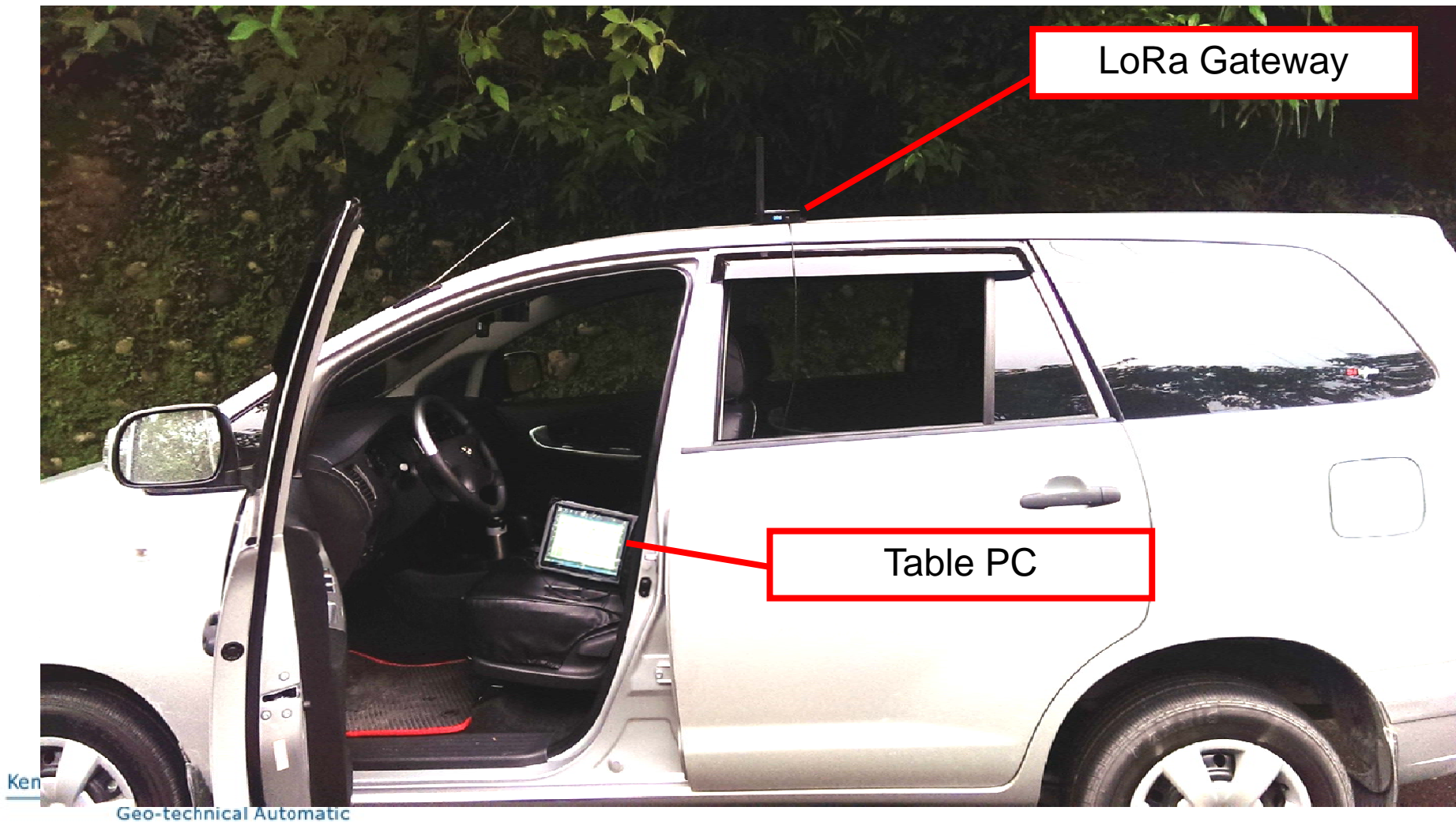
Device



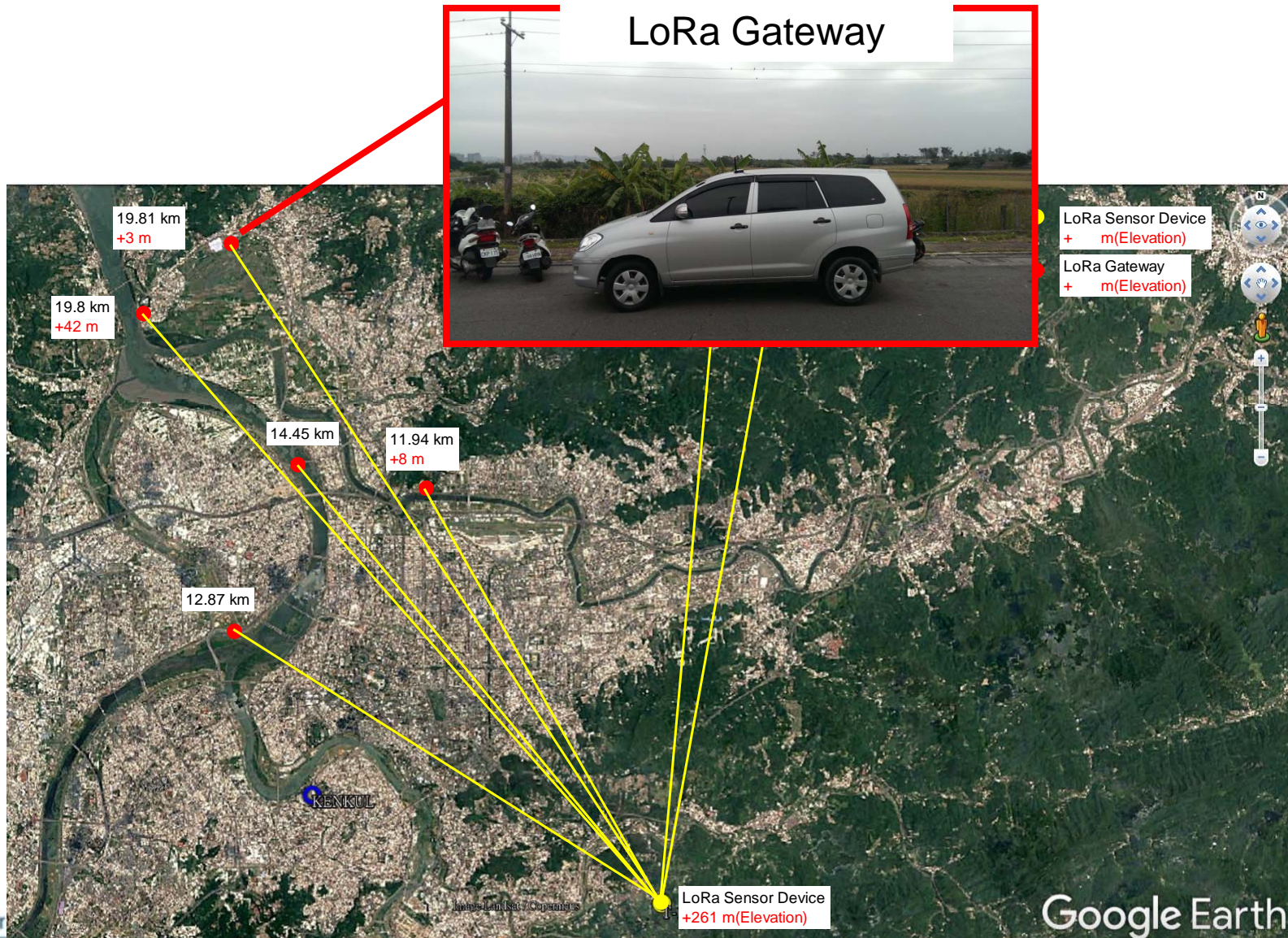
LoRa Sensor Device Location



LoRa Test Device

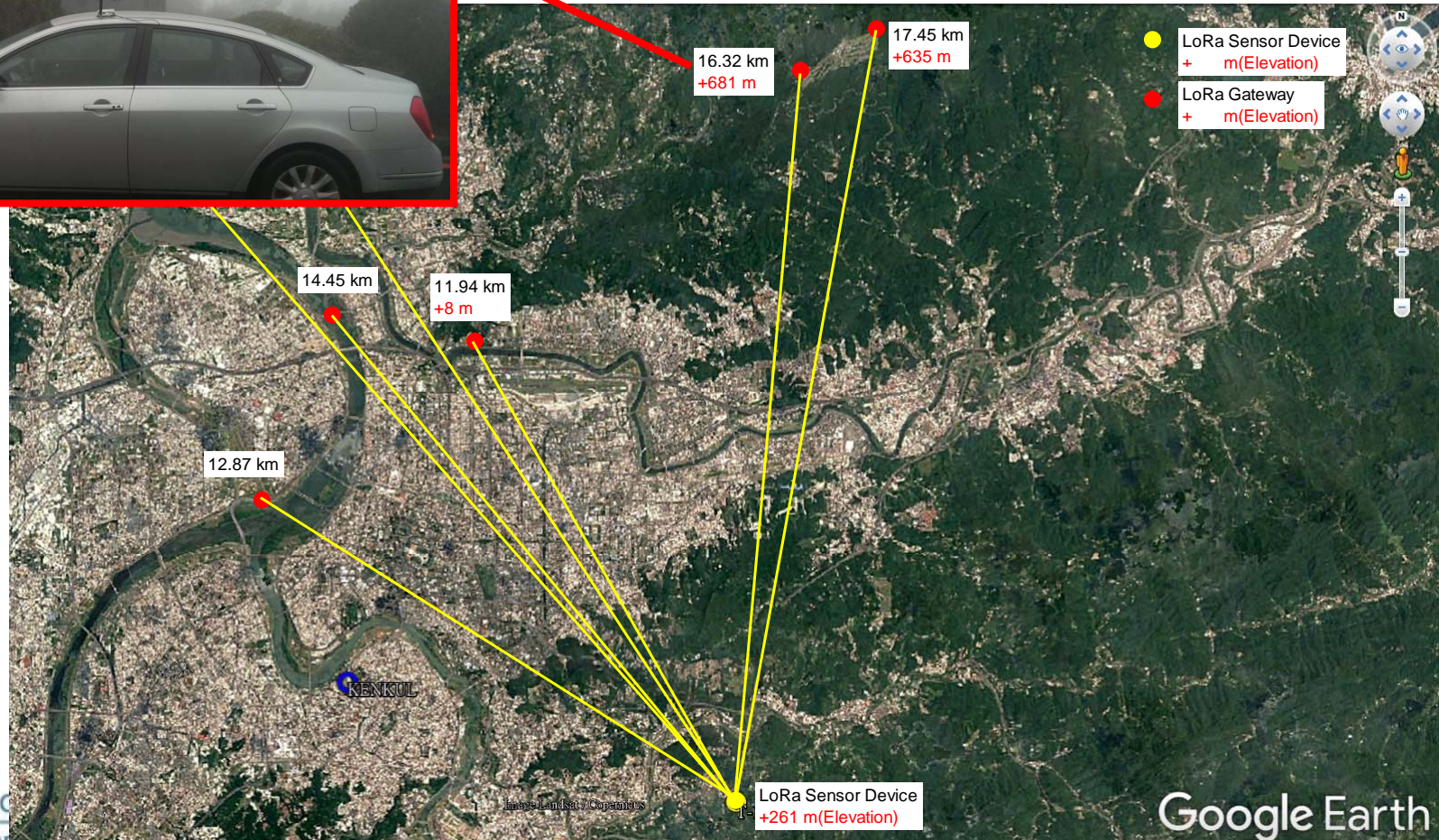


LoRa Sensor Device Location-Day 1

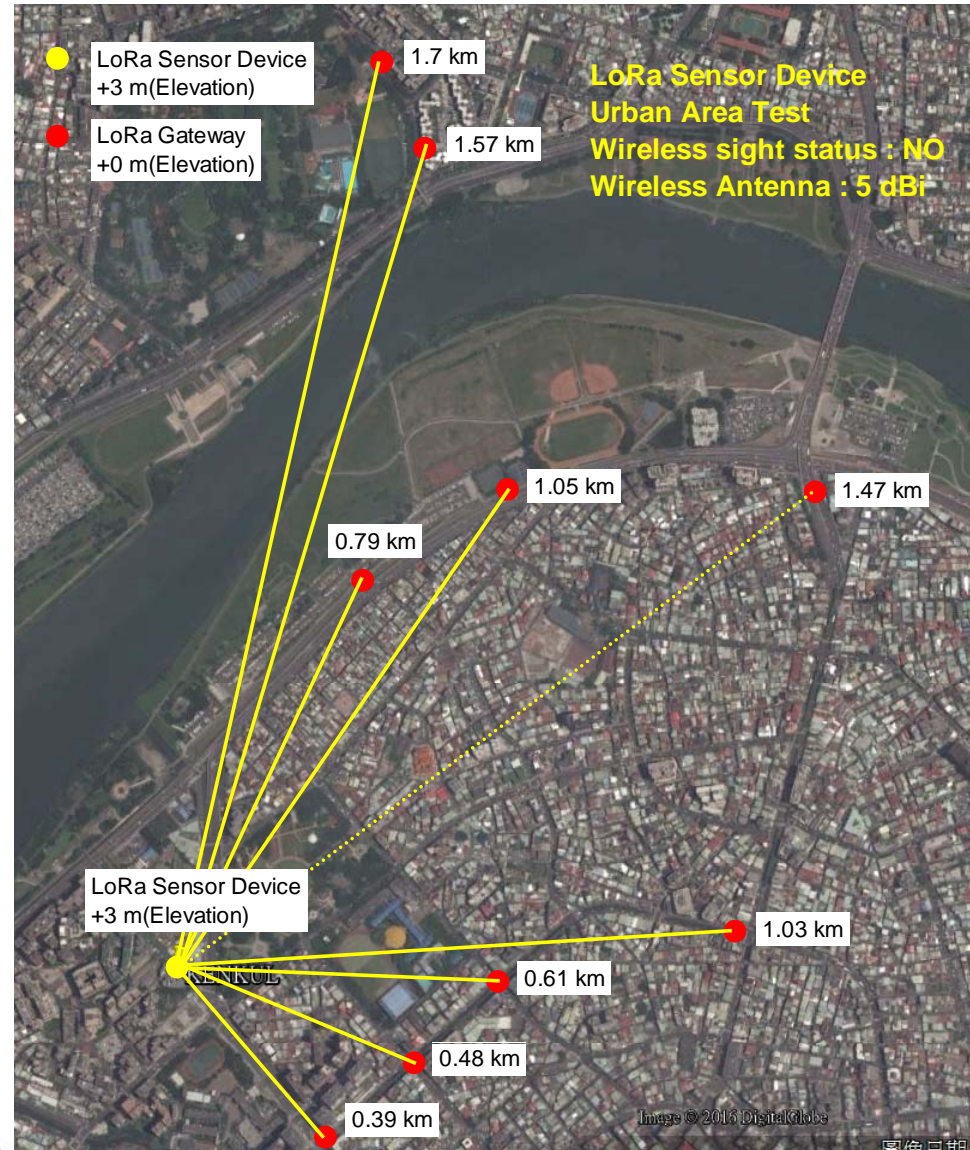


LoRa Sensor Device Location-Day 2

LoRa Gateway



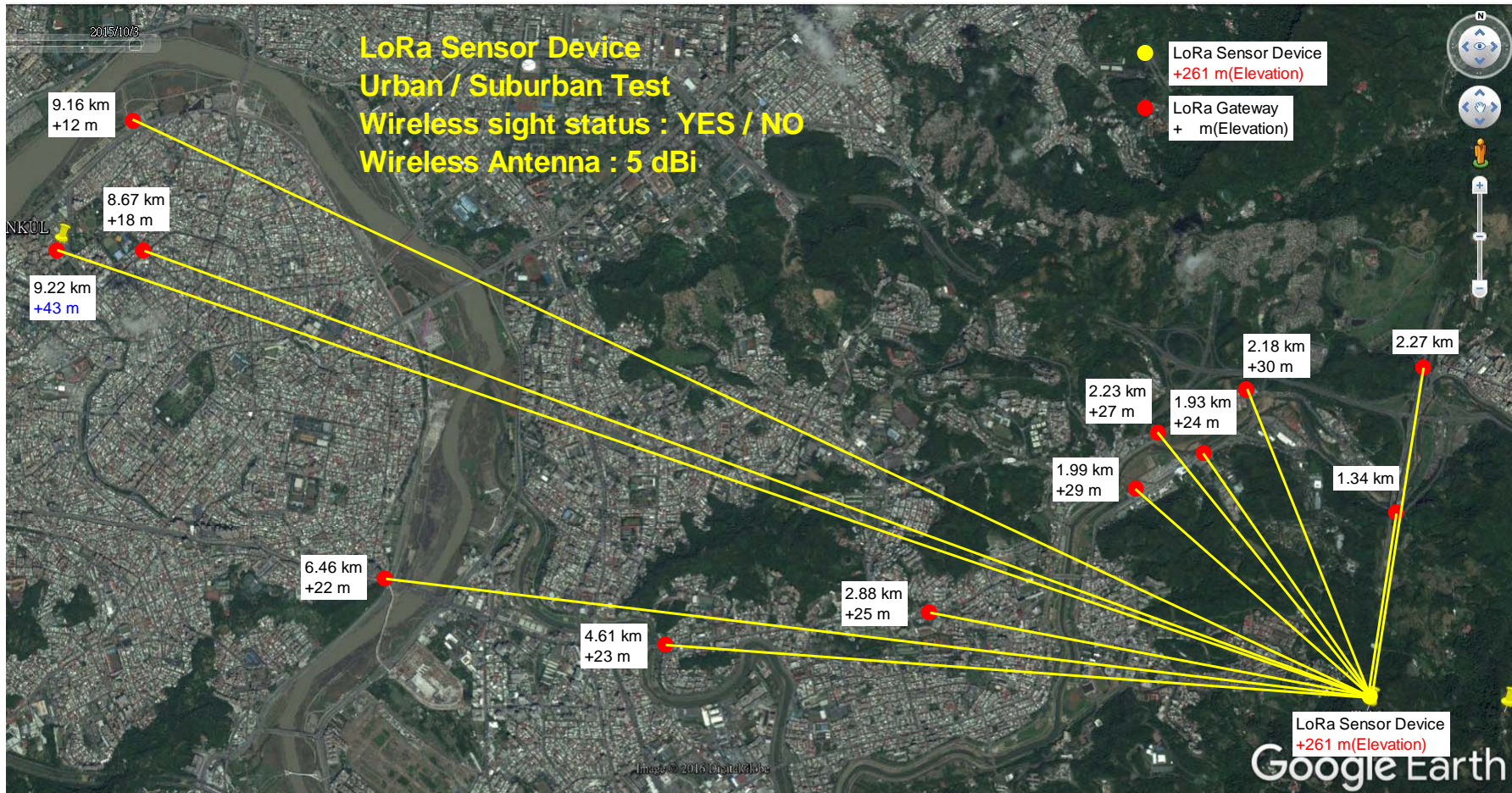
Urban area - 1



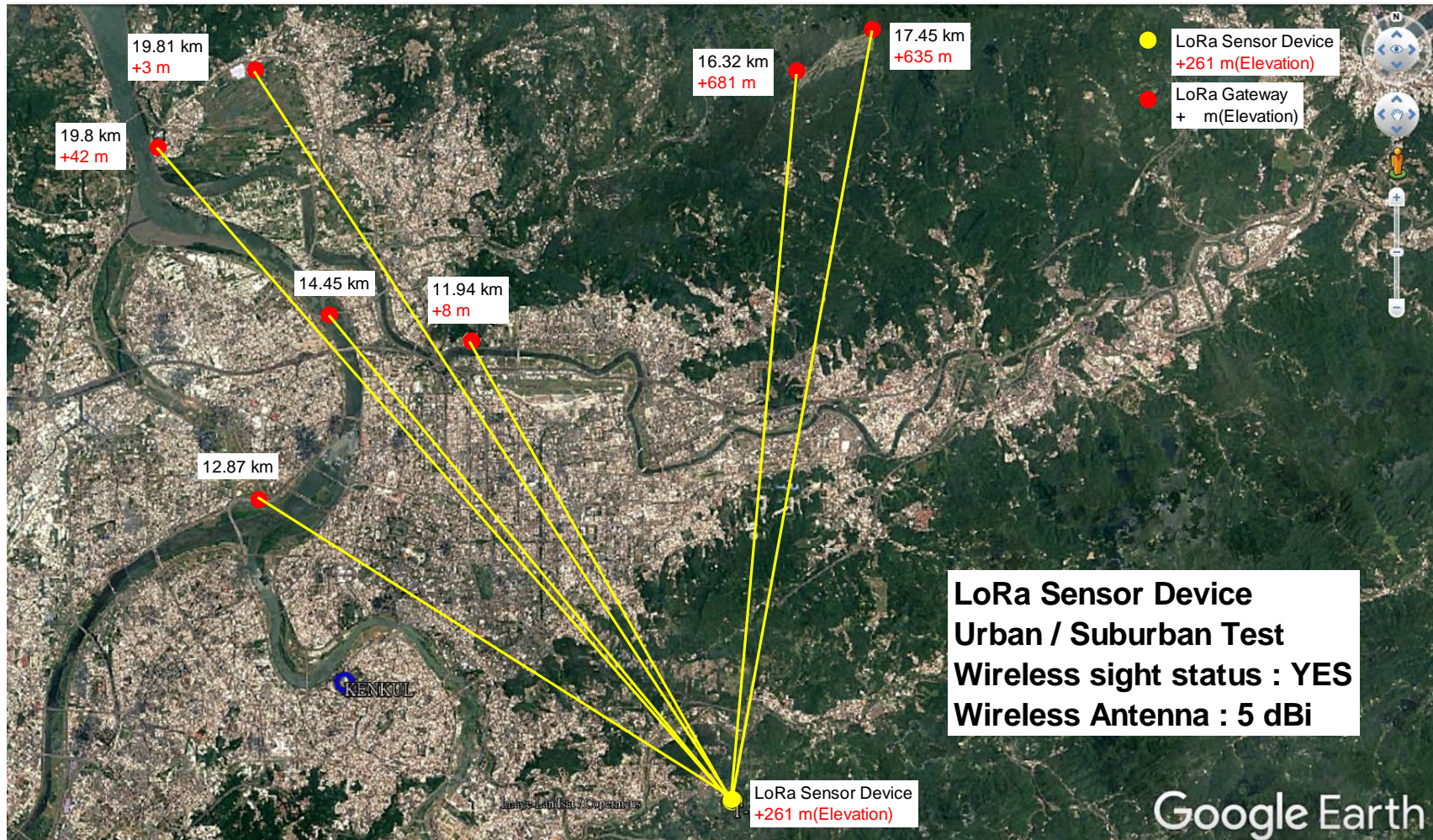
Urban area - 2



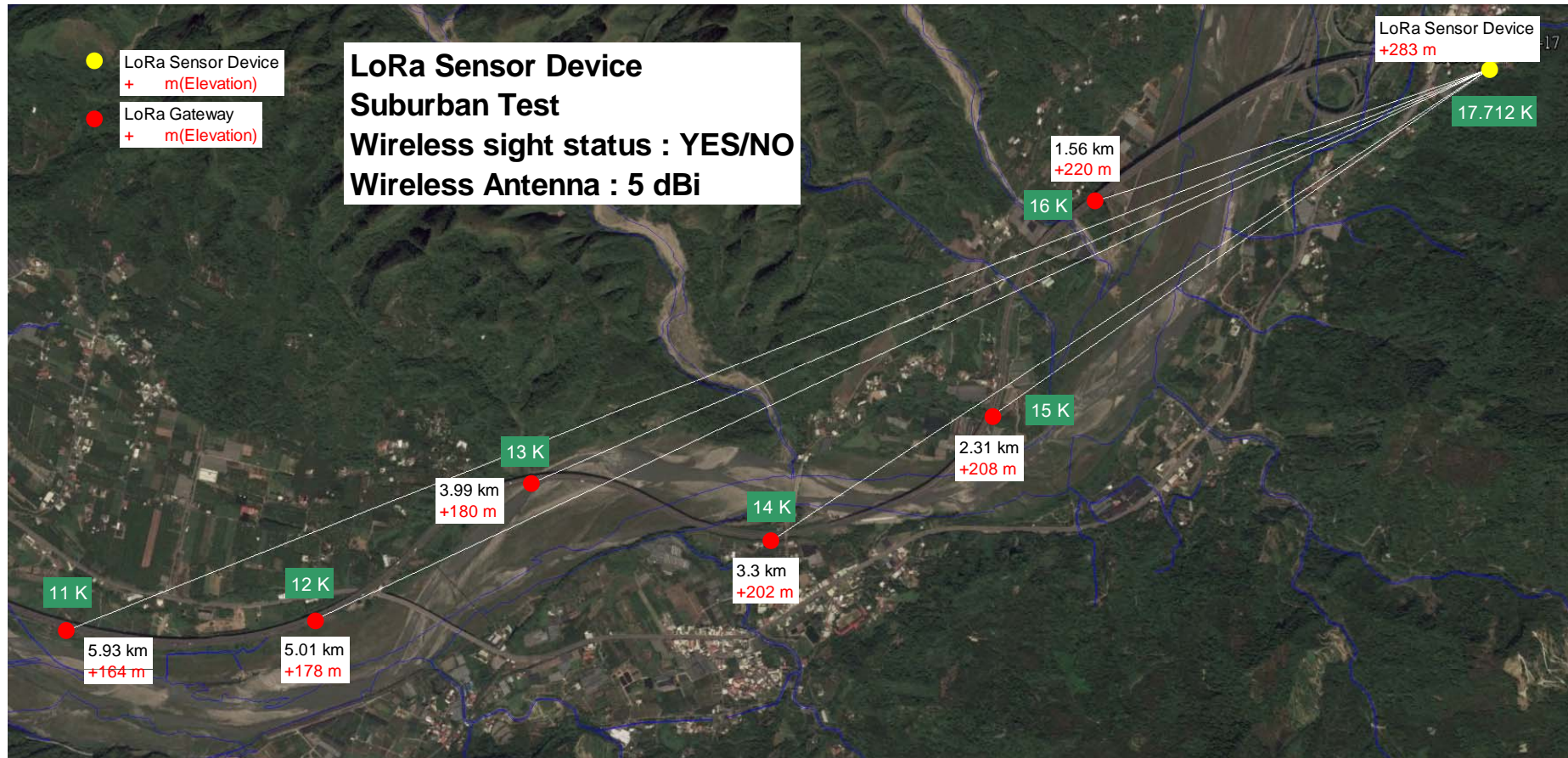
Urban / Suburban area



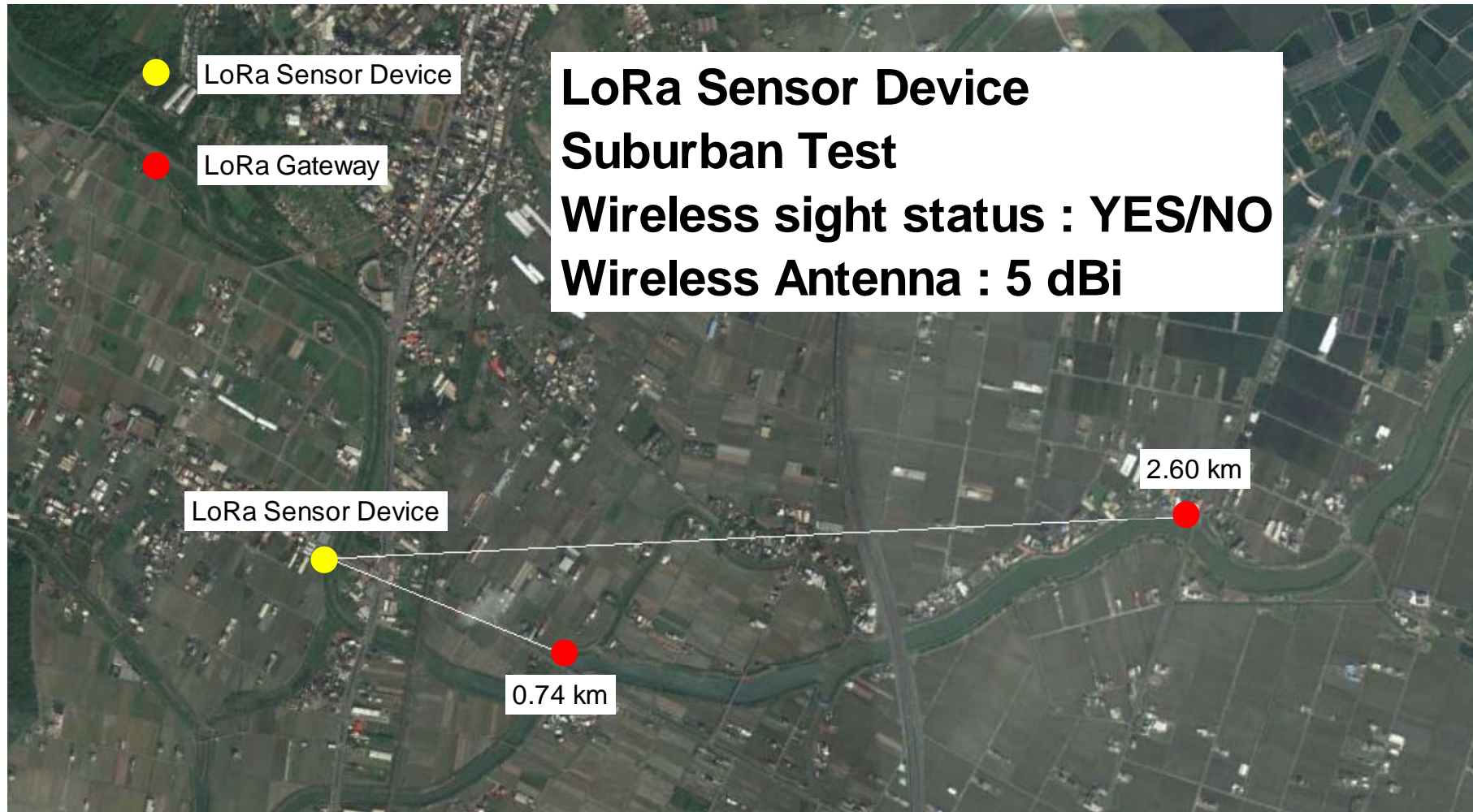
Urban / Suburban area



Suburban area



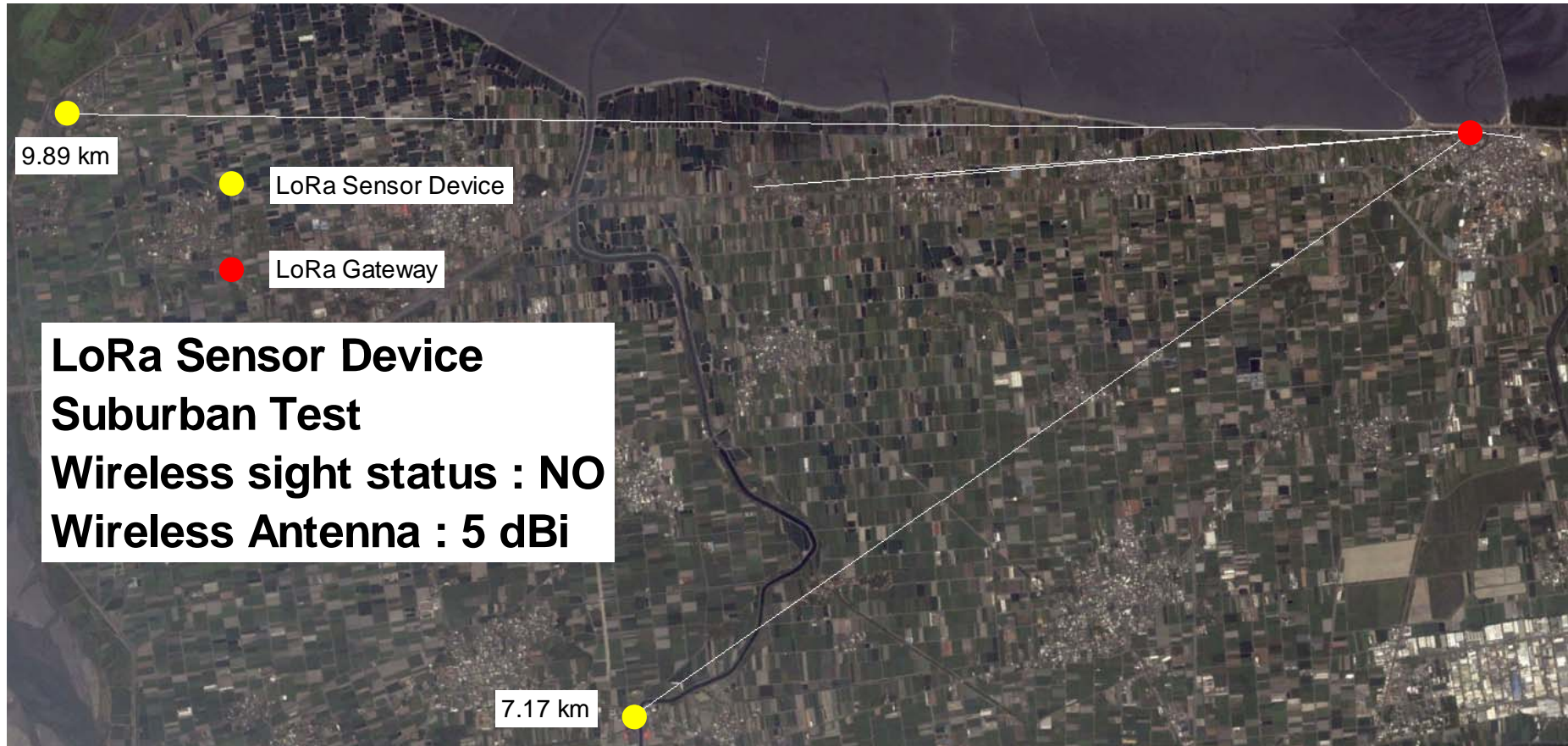
Suburban area



Suburban area



Suburban area



LoRa Wireless application distance

Area	Application distance	Sight status
Urban(City area)	< 300m	NO
Urban / Suburban	< 15km	Yes(Must sight see)
Suburban	Over 15km	Yes(Must sight see)